CLAIMS

1. An article joint purchase system using a network, for managing, via the network, purchase application information on an article which is inputted by each of a plurality of applicants for purchase through a terminal device, the article being produced, transported, or purchased on a lot basis on the network, the system comprising:

an accepting means for accepting the purchase application information inputted through the terminal device and reporting an application for purchase, an entry price (a price at which or under which the purchase is desired) of a particular article, and a desired quantity;

an order data table for storing the application for purchase, the entry price, and the desired quantity, in association with one another;

a condition table for registering an initial cost obtained by adding a profit to an initial production cost that includes a design cost and an artwork production cost, a fixed cost obtained by adding a material cost per one piece of the article to a production cost per one piece of the article, and a maximum sales quantity which corresponds to the quantity of the article in one lot; and

a quantity and price determining means for comparing a first value obtained, each time the purchase application information is accepted by the accepting means, by multiplying the entry price

set in the purchase application information by the total of desired quantities entered at prices equal to or higher than the entry price at the time of acceptance with a second value obtained by adding the initial cost to a value obtained by multiplying the fixed cost by the total of desired quantities entered at prices equal to or higher than the entry price at the time of acceptance, for determining the sales to be made to the purchase application information if the first value is equal to or larger than the second value, and for transmitting the entry price as a sales-determined price to the terminal device.

2. An article joint purchase system using a network according to claim 1, wherein the quantity and price determining means calculates a current price by using the following formula:

Current price = initial cost ÷ (total of desired quantities $\times \alpha + \beta$) + fixed cost

where $1 \geq (\alpha + \beta)$,

and transmits the current price to the terminal device.

3. An article joint purchase system using a network according to claim 1 or 2, wherein the condition table further registers a joint purchase start price obtained by adding the initial cost to the fixed cost, and a limit sales price that is a lowest price per one piece of the article in one lot.

4. An article joint purchase system using a network according to claim 3, wherein the limit sales price is obtained by adding the fixed cost to a value obtained by dividing the initial cost by the maximum sales quantity.